

Necessity for graphs to show that most phenomenon are not just a one-time event but an accelerating disaster: Crime rates, executive spending, homelessness, suicides, number of slaves, rearrange hospice

Physiological Needs (Air, Water, Food, Shelter, etc.)	
1. Air	a. <i>sick classrooms caused by rising co2 levels</i> 1.a.i. effects on brain performance, (1-3) b. <i>Air Pollution Kills as many as Cigarettes. (4-8)</i> 1.b.i. Smoking 1/3 Cigarette a day equivalent air pollution for the average American 1.b.ii. 10,000 - 107,000 Americans Die Due to Air Pollution Annually 1.b.iii. Smoking 5-7 Cigarettes a day equivalent air pollution for the average European 1.b.iv. Smoking A pack of Cigarettes a day equivalent to breathing in Delhi, India and Beijing China Air 1.b.v. 7 million deaths worldwide attributed to Air Pollution c. Bird Extinction 1.c.i. 3 Billion (about 30%) birds lost from North America in last 50 years
2. Water	a. 485,000 (780,000 WWDR) deaths caused each year by contaminated drinking water, (9) 2.a.i. 297,000 deaths of children 5 years and younger each year (Preventable) b. 2 billion people globally use a drinking water source contaminated with feces c. 40% of the lakes in America are too polluted for fishing, aquatic life, or swimming 2.c.i. 15 interesting facts about water pollution that you should know, d. Fish Extinction 2.d.i. 95% Reduction in Salmon & Lamprey Populations (Once Native Food Sources) e. 90% Coral reefs will die by 2050 2.e.i. Responsible for producing half (50%) of the worlds oxygen and absorbing 30% of man-made carbon dioxide f. Drought 2.f.i. WWDR 2020 2.f.i.1. Figure 4.1, 6, 15, 16 2.f.i.2. During the past 20 years, the two main water-related disasters – floods and droughts – caused more than 166,000 deaths, affected another three billion people and caused total economic damage of almost US\$700 billion (EM-DAT, 2019). Droughts accounted for 5% of natural disasters, affecting 1.1 billion people, killing 22,000 more, and causing US\$100 billion in damage over the 20-year period (1995–2015). Over the course of one decade, the number of floods rose from an annual average of 127 in 1995 to 171 in 2004 (CRED/UNISDR, 2015).
3. Land	a. 50% of the Amazon Forest will be lost by 2050 (10% reduction in Oxygen) - Losing 3 football fields per minute b. 50% of Species on Earth will be Extinct by 2050 c. 50% of Species on Earth will be extinct by 2050
4. Waste	a. 30-40% of the US food supply is wasted or 133 billion pounds and \$161 billion worth of food (2010) (13) b. Average Annual CO2 use per person 4.b.i. 4.5 tons per person globally 4.b.ii. 4.6 tons Co2 per typical passenger vehicle 4.b.iii. 6.4 tons Co2 per person in China 4.b.iv. 17.5 tons Co2 per person in US 4.b.v. Denmark carbon tax \$18 per ton Co2 c. Figures for the Biggest Polluters (2011) 4.c.i. China 10 billion tons 4.c.ii. United States, 5.9 Billion tons
5. Hunger	a. 40 million American's are malnourished, b. 40.5 million American's rely on the Supplemental Nutrition Assistance Program (SNAP) c. 93.3 million adults and 13.7 million children are obese d. more than 1 in 4 children live in food insecure households in lane county hunger in Lane County 2016
6. Homeless	a. 3.5 million Americans homeless each year (1 million are children) b. 70.8 million refugees, asylum-seekers and internally displaced people (2018)
7. Enslaved	a. 40 million Slaves Worldwide 7.a.i. 16 million Forced Labor exploitation (1 in 4 are children (4 million)) (14) 7.a.ii. 4.8 million Forced Sexual Exploitation 7.a.iii. 15.4 million Forced Marriage 7.a.iv. 4.1 million State-imposed forced labor b. List of 149 Products Produced by Slaves in the US Economy (US Dep Of Labor 2018) 7.b.i. alcoholic beverages, artificial flowers, baked goods, bamboo, bananas, green/soy and yellow beans, beef, tobacco, bricks, carpets, cashews, tin, ceramics, Chile peppers, citrus fruits, cloves, coal, cocoa, coffee, corn, cotton, cucumbers, cumin, diamonds, fish, eggplants, an assortment of electronics, emeralds, fireworks,

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1.c.xii.1.d.	vowed to impose torture techniques "a hell of a lot worse than waterboarding." Trump declared that he would "take out the families" of terrorist suspects, assuring skeptics that the military would not refuse his	commands, even though service members have a duty to refuse orders that are manifestly illegal. "If I say do it, they're going to do it."
d. Local Government		
1.d.i.	North America 17 th century onward 1.d.i.1. Initially little control from governments back in Europe, many settlements began as shareholder or stockholder business enterprises, and while the king of Britain had technical sovereignty, in most instances "full governmental authority was vested in the company itself" Settlers had to fend for themselves; compact towns sprung up based as legal corporations in what has been described as "pure democracy"	
1.d.ii.	Do you live in a corrupt city? 1.d.ii.1. In 2015, when the University of Illinois released its study on government corruption, researchers tallied up the number of corruption convictions in big cities over the years. Miami and Newark both saw over 400 convictions on corruption charges from 2000-09.	
1.d.iii.	Want to own a city?	
1.d.iv.	Can Cities become self-reliant on food? 1.d.iv.1. It is concluded that the high levels of local self-reliance would require an active role of city governments and planners, public commitment, financial investment, and labor; the benefits to human health, the local and global environment, and the local economy and community may outweigh the cost.	
e. Investigating Planned Parenthood and Research Using Aborted Babies		
1.e.	Taxpayers fund the sale of aborted baby parts with millions of dollars annually. In 2014 alone, the NIH spent \$76 million on human fetal tissue research—with grants to more than 50 universities, including Columbia, Harvard, the Massachusetts Institute of Technology, Stanford, Yale and the University of California in Berkeley, Irvine, Los Angeles, San Diego and San Francisco. It expects to spend the same amount in 2015 and 2016. Taxpayers have a right to know how these baby parts were obtained, which Planned Parenthood affiliates and other abortion facilities were involved, as well as which biotech companies and end consumers profited from the sale and use of aborted baby parts	
2. United States Justice Department		
1.a.i.	\$210+ billion 1.a.i.1. \$29.9 billion Department of Justice (Executive Branch) Annual cost (2019) 1.a.i.2. \$81 billion annual cost to U.S. taxpayers , (Prison, parole, and probation operations) 1.a.i.3. \$100 billion in costs that are paid by individuals (police and court costs, bail bond fees, and prison phone fees generate)	
1.a.ii.	Incarceration in the United States (include graphic) 1.a.ii.1. 2.4 million people in US Prison (2008) 1.a.ii.1.a. 25% of the total 9.8 million prisoners worldwide (2008) coming from a country with only 5% of the global population 1.a.ii.2. 6,613,500 people in the US adult correctional systems (2016)	
1.a.iii.	Increase in crime 1.a.iii.1.a. United States Population and Number of Crimes 1960 – 2018 1.a.iii.1.a.i. Year- Population - Total Crimes - Violent Crimes 1.a.iii.1.a.ii. 1960 - 179,323,175 - 3,384,200 - 288,460 1.a.iii.1.a.iii. 2019- 327,167,434 - 8,441,110 - 1,245,065 1.a.iii.1.b. United States Population and Rate of Crime per 100,000 People 1960 - 2018 1.a.iii.1.b.i. Year - Population - Total - Violent 1.a.iii.1.b.ii. 1960 - 179,323,175 - 1,887.2 - 160.9 1.a.iii.1.b.iii. 2018 - 327,167,434 - 2,580.1 - 380.6 1.a.iii.1.c. 136.7% Increase of total crime since 1960 1.a.iii.1.d. 236.5% Increase of violent crime since 1960 1.a.iii.1.d.i. Is prison supposed to rehab the individual, or is it supposed to earn money? If the goal is to earn money, then a high prison population is the end goal.	
1.a.iv.	2.3% - 5% of all US prisoners are innocent 1.a.iv.1. 120,000 people may be incarcerated as a result of wrongful conviction 1.a.iv.1.a. The innocence project, Miscarriage of Justice Wiki	
1.a.v.	"Bailing on the Justice System", Eugene weekly 1.a.v.1. "You get a lot of clients who say, 'I'm innocent, but I'm not going to trial, get me out of here. I don't care what I have to do, get me out of here now.'" 1.a.v.2. "It turns it into a plea mill," he says. "Like a puppy mill, it's a plea mill. The attorneys get less money if they take a case to trial." 1.a.v.3. "By and large most cases settle without going to trial — roughly 90 percent. And that's not just locally, that's nationwide."	
2. Energy		
a.	Electrical Grid Dependency and vulnerability	

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		poppies, footwear, furniture, steel, garlic, garments, gold, grapes, gravel, hazelnuts, iron, leather, lobsters, locks, matches, meat, melons, nails, palm oil, olives, onions, palm thatch, peanuts, pineapples, pornography, rice, rubber, salt, sand, shellfish, shrimp, silk fabric, soap, sugarcane, surgical instruments, tea, timber, vanilla, wheat, potatoes, carrots and more
c.	400,000 modern slaves in the United States Safety/ Security (personal security, employment, resources, health, property, etc.)	
1. Governmental		
a.	Democide: The murder of any person or people by a government, including genocide, politicide, and mass murder.	
b.	35,654,000 War Deaths vs. 182,800,000 Democide Deaths (1900-1999) 128,168,000 VICTIMS: THE DEKA-MEGAMURDERERS 1.b.i. 61,911,000 Murdered: The Soviet Gulag State 1917-1987 1.b.ii. 35,236,000 Murdered: The Communist Chinese Ant Hill 1928-1987 1.b.iii. 20,946,000 Murdered: The Nazi Genocide State 1933-1945 1.b.iv. 10,214,000 Murdered: The Depraved Nationalist Regime 1921-1948 25,178,000 VICTIMS: THE LESSER MEGA-MURDERERS 1.b.v. 6,000,000 Murdered: (CIA Covert) American Holocaust 1947-1987 1.b.vi. 5,964,000 Murdered: Japan's Savage Military 1937-1945 1.b.vii. 2,035,000 Murdered: The Khmer Rouge Hell State 1975-1979 1.b.viii. 1,883,000 Murdered: Turkey's Genocidal Purges 1900-1923 1.b.ix. 1,670,000 Murdered: The Vietnamese War State 1954-1987 1.b.x. 1,585,000 Murdered: Poland's Ethnic Cleansing 1945-1948 1.b.xi. 1,503,000 Murdered: The Pakistani Cuthroat State 1971 1.b.xii. 1,072,000 Murdered: Tito's Slaughterhouse 1941-1987 6,945,000 VICTIMS: SUSPECTED MEGAMURDERERS 1.b.xiii. 1,663,000 Murdered Orwellian North Korea 1948-1987 1.b.xiv. 1,417,000 Murdered Barbarous Mexico 1900-1920 1.b.xv. 1,066,000 Murdered Feudal Russia 1900-1917 1.b.xvi. 1,500,000+ Illegal Organ Harvesting and Transplants China 2000-2020 1.b.xvi.1. 60,000 illegal organs harvested and transplanted in China annually, report finds _The Independent 1.b.xvi.2. 114,000 people were reported to be waiting for a new organ in the US (2018) 1.b.xvii. 1,300,000+ Murdered American Terror State c. 262,000,000 Total Democide Deaths (88,000,000 Pre-Twentieth Century) To give perspective on this incredible murder by government, if all these bodies were laid head to toe, with the average height being 5', then they would circle the earth ten times. Also, this democide murdered 6 times more people than died in combat in all the foreign and internal wars of the century. Finally, given popular estimates of the dead in a major nuclear war, this total democide is as though such a war did occur, but with its dead spread over a century. RJ Rummel, <i>Death By Government</i> If the Nuremberg laws were applied, every post-war American President would have been hanged:	
1.c.i.	Truman	Central America Contra's Operation
1.c.i.1.	2 atomic bombs killed at least 129,200 citizens	1.c.vii.2. Support for the Israeli invasion of Lebanon
1.c.i.2.	Proceeded to organize major counter-insurgency campaign in Greece which killed about 160,000 people, 60,000 refugees, and other 60,000 or so people torture, political system dismantled, for American corporations to come in and took it over.	1.c.viii.1. Condemned by International Court of Justice for "unlawful use of force" Gulf War
1.c.ii.	Eisenhower	1.c.ix. Clinton
1.c.ii.1.	Overthrow of the government of Guatemala,	1.c.ix.1. Kosovo tragedy
1.c.ii.2.	Invasion of Lebanon in 1958	1.c.ix.2. Genocide in Iraq
1.c.ii.3.	Overthrow of the government of Iran through a CIA-backed coup	1.c.x. Bush Jr
1.c.iii.	Kennedy	1.c.x.1. Found guilty by the Kuala Lumpur War Crimes Commission for torture and cruel, inhumane and degrading treatment
1.c.iii.1.	The Invasion of Cuba	1.c.xi. Obama
1.c.iii.2.	The Invasion of South Vietnam	1.c.xi.1. Global Drone Assassination Campaign
1.c.iv.	Johnson	1.c.xii.1. "War Crimes Enthusiast"
1.c.iv.1.	Indochina war	1.c.xii.1.a. Assassination of Soleimani
1.c.iv.2.	The Invasion of Dominican Republic	1.c.xii.1.b. Threatened to commit war crime, "as specified in Geneva Conventions as well as the US law of War Manual, extensive provisions related
1.c.v.	Nixon	1.c.xii.1.c. Pardoned multiple war criminals, As the president put it on Twitter, "We train our boys to be killing machines, then prosecute them when they kill!" This is a philosophy that makes no moral distinction between killing combatants and killing the innocent.
1.c.v.1.	Invaded and Bombed Cambodia	
1.c.vi.	Carter	
1.c.vi.1.	Supported Indonesian invasion of East Timor	
1.c.vii.	Reagan	
3. Economic		
a. Spending		
1.a.i.	Federal Budget FY 2020 (<i>The Balance.com/fy-2020-federal-budget-summary--.pdf</i>) (<i>Budget_fy21(1).pdf-breakdown on pg111</i>) 1.a.i.1. Revenue - \$3.706 Trillion 1.a.i.1.a. Income Taxes – \$1.8 Trillion (49% of FY 2020) 1.a.i.1.b. Payroll Taxes - \$1.2 Trillion (35%) 1.a.i.1.c. Corporate Taxes - \$265 Billion (7%) 1.a.i.2. Spending - \$4.79 Trillion (2020)(\$1.083 Trillion Budget Deficit for 2020) vs \$4.4 Trillion Budget of US Government (2021) 1.a.i.3. Discretionary Spending 1.a.i.3.i. Defense - \$633 Billion (2020) vs \$705.4 Billion Annual (2021) Defense Budget 1.a.i.3.ii. Health and Human Services - \$106 Billion 1.a.i.3.iii. Veterans Affairs - \$93 Billion 1.a.i.3.iv. Education - \$72 Billion (Link to graduation rates) 1.a.i.3.v. Housing and Urban Development - \$57 Billion 1.a.i.3.vi. Homeland Security - \$48 Billion 1.a.i.3.vii. State - \$48 Billion 1.a.i.3.viii. Energy - \$39 Billion 1.a.i.3.ix. Justice - \$32 Billion 1.a.i.3.x. Nasa - \$23 Billion 3.a.i.1. 54% of all federal discretionary Spending	
b. Debt		
3.b.i.	\$23.3 Trillion total Debt of US Government (Feb 2020, <i>Debt to the Penny</i>) 3.b.i.1. \$78k worth of debt per US Citizen	
3.b.ii.	\$14.8 Trillion total debt of US Students	
3.b.iii.	\$30.100 Average Debt per US Graduate	
c. Poverty		
3.c.i.	39.7 million American's live in poverty (12.3% of the population) (2017) 3.c.i.1. 12.3 million (32%) children 3.c.i.1.a. Poverty linked to brain structure in children ; families that earned less than \$25k/year had 6% less brain surface area than those whose families earned \$150k/year or more 3.c.i.1.a.i. Lead researcher Kimberly Noble teacher at Columbia University Medical School and senior author Elizabeth Sowell of Children's Hospital in Los Angeles California 3.c.ii. 23% of American's save no money from their paycheck 3.c.ii.1. 58% of US Citizens have less than \$1,000 in savings 3.c.ii.2. 40% of US Citizens have less than \$400 in the bank for emergency expenses 3.c.iii. Global Disparity 3.c.iii.1. Per Capita Incomes worldwide rage from \$280 in Burundi to \$82,230 in Norway with the US in between at \$56,180 3.c.iii.2. \$10,298 is the average worldwide per capita income 3.c.iii.3. \$32,400+ annual income places an individual in the global 1% 3.c.iii.4. \$718,766+ US top 1%, \$118,400+ US top 10%	
d. Employment		
3.d.i.	Unemployed 3.d.i.1. 4.2% Unemployed or 6.8 million people (2017)	
3.d.ii.	Unsatisfied 3.d.ii.1. 30% American's have seriously considered quitting their job in the last three months	
4. Health		
a.	One in Five adults in the United States has IBS (irritable bowel syndrome) b. CDC increases estimate of autism's prevalence by 15 percent to 1 in 59 children Autism Speaks c. 1 Million doctors d. Prescriptions	

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- 4.d.i. 55% of American's regularly take a prescription medication
 - 4.d.i.1. WebMD "American's Taking More Prescription Drugs than Ever"
 - 4.d.i.2. 75% of med students are on antidepressants or stimulants (or both)
- 4.d.ii. 1 in 6 Adult American's (40 million) take a Psychiatric Drug
 - 4.d.ii.1. Medical Expenditure Panel Survey, Scientific American, "1 in 6 Americans Takes a Psychiatric Drug"
 - 4.d.ii.2. More Than 6 Percent of U.S. Teens Take Psychiatric Meds_Survey - WebMD
- 4.d.iii. 1.3 million sought emergency room treatment for adverse drug effect
- 4.d.iv. ~124,000 died from adverse drug effects
 - 4.d.iv.1. WebMD "American's Taking More Prescription Drugs than Ever"
- e. Pregnancy
 - 4.e.i. Medications
 - 4.e.i.1. 90% take a medication, 70% take a prescription
 - 4.e.ii. Abortions
 - 4.e.ii.1. Globally, there are 43.8 million abortions
 - 4.e.ii.2. 47,000 deaths globally from abortions
 - 4.e.ii.3. 1.4 million abortions in North America (2008))
 - 4.e.ii.3.a. Jan. 2012, WHO and the Guttmacher Institute, Infolapse, global abortion rates
 - 4.e.iii. Post-Partum
 - 4.e.iii.1. 89% Cesarean Delivery and 53% vaginal delivery filled prescriptions during the postpartum period
 - 4.e.iii.2. 21,000 in the US women become chronic opioid users attributable to opioid use in postpartum period
- f. **Addiction**
 - 4.f.i. **70,237 Overdose Deaths** in the US (2017)
 - 4.f.i.1. Forbes, Drug overdose death in the US hit record high infographic
 - 4.f.ii. **Opiates**
 - 4.f.ii.1. 255,207,954 opioid prescriptions (2012)
 - 4.f.ii.1.a. CDC, "U.S. Opioid Prescribing Rate Maps"
 - 4.f.ii.2. Heroin
 - 4.f.ii.2.a. 170,000 Used Heroin for the First Time
 - 4.f.ii.2.b. Lane County Deaths
 - 4.f.iii. **Alcohol**
 - 4.f.iii.1. 2,200 alcohol poisoning deaths in the US each year
 - 4.f.iii.2. 26.9% (200+ million) US adults ages 18 and older reported that they engaged in binge drinking in the past month
 - 4.f.iii.2.a. 15.1 million US adults ages 18 and older have Alcohol Use Disorder
 - 4.f.iii.2.b. 1 out of 8 addicted
 - 4.f.iii.3. 111 million Self-reported Drinking and driving episodes
 - 4.f.iii.3.a. CDC Behavioral Risk Factor Surveillance System (BRFSS), 1993–2014. Available at <https://www.cdc.gov/brfss>
 - 4.f.iii.3.b. 3.3 million deaths globally were attributable to alcohol (2012)
 - 4.f.iv. **Sex addiction**
 - 4.f.iv.1. Pornography
 - 4.f.iv.2. Addiction hr's a week
 - 4.f.iv.3. Annual sales
 - 4.f.iv.4. Enhancement drugs Pentagon Spending
 - 4.f.iv.5.
 - 4.f.iv.6. 12% total websites are pornographic (4.2 Million Websites)
 - 4.f.iv.7.
 - 4.f.iv.7.a. Sexual addiction symptoms, abuse stats, withdrawal effects.pdf
 - 4.f.iv.7.b. Growing number of people addicted to pornography alarming – higher education.pdf
 - 4.f.iv.7.c. Pornography Facts and Statistics _ The Recovery Village
 - 4.f.iv.8. 6-8% adult Americans or 28-24 million
- g. Top 10 Causes of Death (2017)
 - 4.g.i.1. Heart Disease: 635,260
 - 4.g.i.2. Cancer: 598,038
 - 1.a.ii. Medical Error: 250,000
 - 4.g.i.3. Accidents (unintentional injuries): 161,374
 - 4.g.i.4. Chronic Lower Respiratory Diseases: 154,596
 - 4.g.i.5. Stroke: 142,142
 - 4.g.i.6. Alzheimer's Disease: 116,103
 - 4.g.i.7. Diabetes: 80,058
 - 4.g.i.8. Influenza and Pneumonia: 51,537

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- 3.a.ii.1.
- 3.a.ii.2. These Are the Most Expensive Things in the World
- 3.a.iii. Comparing the cost of living between 1975 and 2015_ You are being lied and fooled when it comes to inflation data and the cost of living.
- b. Luxury beliefs
- 4. Top Billionaires/Companies("freedom") (2019), and Forbes "the worlds billionaires" (1987-current) graph showing less than 1 trillion wealth in 2000 to over 7 trillion in 2015)
 - a. Top Companies
 - 4.a.i. 2020 Global 500 Report "brand-finance-global-500-2020-preview.pdf"
 - 4.a.i.1. Amazon – 220 Billion
 - 4.a.i.2. Google – 160 Billion
 - 4.a.i.3. Apple – 140 Billion
 - 4.a.i.4. Microsoft – 117 Billion
 - 4.a.i.5. Samsung - 94 Billion
 - 4.a.i.6. ICBC – 80 Billion
 - 4.a.i.7. Facebook – 79 Billion
 - 4.a.i.8. Walmart – 77 Billion
 - 4.a.i.9. Pngan – 69 Billion
 - 4.a.i.10. Huawei – 65 Billion
 - b. Number of billionaires
 - 4.b.i. There are now **2,101 billionaires globally** – up almost 40% from five years ago
 - 4.b.ii. **\$200 billion** – Vladimir Putin's estimated Net worth (Bill Browder, a former fund manager in Russia and major critic of Putin, estimated the president's net worth at)
 - 4.b.ii.1. Top 25 Richest People in the World 2020. Wealthy Gorilla
 - 4.b.ii.1.a. Jeff Bezos Network: \$117.5 Billion
 - 4.b.ii.1.b. Bernard Arnault Net Worth: \$112 Billion
 - 4.b.ii.1.c. Bill Gates Net Worth: \$108.8 Billion
 - 4.b.ii.1.d. Warren Buffett Net Worth: \$89.9 Billion
 - 4.b.ii.1.e. Amancio Ortega Net Worth: \$77.9 Billion
 - 4.b.ii.1.f. Mark Zuckerberg Net Worth: \$77.7 Billion
 - 4.b.ii.2. Percentage of overall wealth owned by top 10 people
 - c. Number of Billionaires
 - 4.c.i. A total of **46.8 Million Millionaires worldwide**, and they collectively own approximately \$158.3 trillion (**44% of the Total \$360 Trillion Global Wealth**)
 - 4.c.i.1. Credit Suisse 2019 Report
 - 4.c.ii. How Much Income Puts you in the Top 1%, 5%, 10%? (among American's 2017)
 - 4.c.ii.1. Top 0.1% - \$2,757,000
 - 4.c.ii.2. Top 1% - \$718,766
 - 4.c.ii.3. Top 5% - \$299,810
 - 4.c.ii.4. Top 10% - \$118,400
 - 4.c.ii.4.a. Economic Policy Institute Study
 - 4.c.ii.5. According to the Global Rich List a \$32,400 annual income will place ... among the **global 1% of earners**
 - 4.c.ii.5.a. Are you in the Top One Percent of the World?
 - d. Billionaire's_net_worth_2000-2015 (image)
 - f. (pursuing a goal, realization of full potential, desire to become the most one can be)
- 1. American Time Use Survey Home Page
 - a. a2-2018
- 2. Professions
 - a. Most American's Work one of these 10 jobs (2014)
 - b. 1.1 million doctors of medicine all over the United States (2015
 - 2.b.i. U.S. Physicians - Statistics & Facts _ Statista
 - c. 1.35 million lawyers in the U.S (2019)
 - 2.c.i. *U.S._ number of lawyers 2019 _ Statista
 - d. 1.6 million engineers in the U.S. (2015)
 - e. 1.6 million construction laborers (2018)
 - f. 3.1 million teachers and over 49.5 million public school students in over 100,000 Operational public elementary/secondary schools in the U.S. States
 - 2.f.i. public school students and teachers - Common Core of Data (CCD) - CCD Quick Facts
- 3. Leonardo DaVinci?

g. Self-Transcendence

- h. (behaving and relating as ends rather than means, responsibility)

- i. Giving oneself to something beyond oneself – altruism, spirituality – the desire to reach the infinite. "The very highest and most inclusive levels of human consciousness, behaving and relating, as ends rather than means, to oneself, to significant others, to human beings in general, to other species, to nature, and to the cosmos" (*Farther Reaches of Human Nature*, New York 1971, p.269)

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- 4.g.i.9. Nephritis: 50,046
- 4.g.i.10. **Suicide: 47,173**
 - 4.g.i.10.a. 330 pdf Table 30. Death rates for suicide, by sex, race, Hispanic origin, and age: United States, selected years 1950–2016"
- 4.g.i.10.a.i. **Children increase while over 40 decrease (implication of meds?)**
- 4.g.i.10.b. **20 Veterans Commit Suicide per day**
- 4.g.i.10.b.i. 60,000+ over 10 years, over same span number of suicides among all Americans rose by nearly 10,000 individuals annually, an increase of 30 percent, 6,100 in 2017
- 4.g.i.10.c. (military times)
- 4.g.i.10.d. **300-400 Doctors Commit Suicide each year, more than double that of general population(npr.org)**
- 4.g.i.10.e. Nurses – 23% more likely than women in general, **4x more likely to commit suicide than people working outside of medicine (nurse.org)**
- 4.g.i.10.f. **Farmers – 2x more likely than general population, and comp. to India drinking pesticide 200k+ deaths**
- 4.g.i.10.g. **Students – 2nd leading cause of death for students is suicide**
- 4.g.i.10.g.i. **As Student Suicides Rise, A Harvard Case Opens New Questions About Schools' Responsibility**
- 4.g.i.10.h. **Hespeize (Key concern is Informed Consent and Freedom of Choice)**
- 4.g.i.10.h.i. **1.65 million people received hospice services (2011) US, 25 million worldwide**
- 4.g.i.10.h.ii. **44.6 % off all deaths in the U.S. occurred under the care of a hospice program (2011)**
 - 4.g.i.10.h.ii.1. https://www.hopkinsmedicine.org/healthlibrary/test_procedures/urology/hospice_care_statistics_85.p00608
- 4.g.i.10.h.iii. Compared to Oregon only 1,459 DWDA patients (1998-2018) or 610 (2013-2017)
- 4.g.i.10.h.iii.1. **Oregon Death with Dignity Act 2018 Data Summary**

5. Education

- a. 70% of American's don't have a College Degree
- b. 19% US High Schooler's don't Graduate on time
 - 1.a.iii. **Love and Belonging**
 - 1.a.iv. (friendship, intimacy, family, sense of connection)
- 1. **Family**
 - a. **Time spent survey**
 - b. Four in 10 infants lack strong parental attachments Princeton university, 2014, " " "
 - 1.b.i. V.# of adults
 - c. No maternal or paternal leave comp. to European countries...
 - 1.c.i. Sleeplessness
 - 1.c.ii. Ferber method
 - d. Divorce
 - e. Fatherlessness
 - 1.e.i. Effects of fatherlessness
- 2. **Suicide** (moved to top 10 causes)
 - 1.a.v. **1.a.vi. Esteem**
 - 1.a.vii. (status, recognition, respect, strength, freedom)
- 2. **Mental Health**
 - a. **43.8 million** Experience Mental illness in a given Year (1 out of 5 adults or 20%)
 - 2.a.i. **Generalized Anxiety Disorder (GAD)**
 - 2.b.i. **6.8 million adults, or 3.1% of the U.S. population, yet only 43.2% are receiving treatment.**
 - 2.b.ii. Women are twice as likely to be affected as men. GAD often co-occurs with major depression.
 - c. **Panic Disorder (PD)**
 - 2.c.i. **6 million adults, or 2.7% of the U.S. population**
 - d. **Social Anxiety Disorder**
 - 2.d.i. **15 million adults, or 6.8% of the U.S. population**
 - e. **Specific Phobia**
 - 2.e.i. **19 million adults, or 8.7% of the U.S. population**
 - f. **Obsessive-Compulsive Disorder (OCD)**
 - 2.f.i. **2.2 million adults, or 1.0% of the U.S. population**
 - g. **Posttraumatic Stress Disorder (PTSD)**
 - 2.g.i. **7.7 million adults, or 3.5% of the U.S. population**
 - h. **Major Depressive Disorder**
 - 2.h.i. **16.1 million American adults, or about 6.7% of the U.S. population age 18 and older in a given year.**
 - i. **Persistent depressive disorder, or PDD**
 - 2.i.i. **3.3 million American adults**
- 3. **Greed**
 - a. **Luxury goods**
 - 3.a.i. **Military goods? Where to put**
 - 3.a.ii. *The 20 Most Expensive Things In The World* compared to cheapest things in the world... (to give perspective)

j.

- k. Collective "umbrella"/All-inclusive movement – Affirming life

- l. "politics has always had the notion it has to be me or you" B Fuller

- m. Individuals

- 1. Albert Einstein

- 2. Eleanor Roosevelt

- 3. Gandhi

- 4. Martin Luther King

- 5. Buckminster Fuller

- 6. VP Press Kit Jacque Fresco

- 7. 3 environmental activists murdered per week (2018)

- a. **164 Environmental Activists Were Killed Last Year_ Watchdog _ Time**

- 7.a.i. **Previous year 207**

- b. **Disturbing Report Shows How Many Environmental Activists Are Killed Each Week**

- 7.b.i. **2019 Global witness report**

- n.

- 1. **List of religious populations - Size of Major Religious Groups, 2015 Religion Percent (/7.349 Billion Total)**

- a. Christianity **31.2% - 2.3 Billion**

- b. Islam **24.1% - 1.77 Billion**

- c. Unaffiliated **16% - 1.17 Billion**

- d. Hinduism **15.1% - 1.11 Billion**

- e. Buddhism **6.9% - 507 million**

- f. Folk Religion **5.7% - 419 million**

- g. Other (includes Judaism, Bahá'í, Sikhism, and Jainism) **1.0% - 73.5 million**

- 2. **Theology for the Social Gospel: (movements under transcendence?)**

- a. Economic

- b. Poverty

- c. Alcoholism

- d. Crime

- e. Racial tensions

- f. Slums

- g. Unclean environment

Necessity for graphs to show that most phenomenon are not just a one-time event but an accelerating disaster: Crime rates, executive spending, homelessness, suicides, number of slaves, rearrange hospice

h. Child labour	i. Inadequate labour unions	j. Poor schools
k. The danger of war		
3.		
4. List of Social Movements:		
1. 9/11 Truth movement	26. Communitarianism	49. Global citizens movement
2. Adverse Childhood Experiences movement	27. Conservation movement	50. Global justice movement
3. Animal rights movement	28. Counterculture movement	51. Health at Every Size
4. Anti-Apartheid Movement	29. Cooperative movement	52. Hippie movement
5. Anti-bullying movement	30. Cultural movement	53. Human Potential movement
6. Anti-capitalism	31. Disability rights movement	54. Human rights movement
7. Anti-consumerism	32. Ecofeminism	55. India Against Corruption
8. Anti-corporate activism	33. Economy for the Common Good	56. Indigenous peoples movement
9. Anti-fascism	34. Effective altruism	57. Indigenous movements in the Americas
10. Anti-jock movement	35. Efficiency movement	58. 2017 pro-jallikattu protests
11. Anti-nuclear movement	36. Environmental justice movement	59. Ku Klux Klan
12. Anti-psychiatry movement	37. Environmental movement	60. Labor movement
13. Anti-war movement	38. Esperanto movement	61. Landless Peoples Movement (South Africa)
14. Anti-globalization movement	39. Ethiopian movement	62. Landless Workers' Movement (MST), the landless workers' movement in Brasil
15. Anti-vaccination movement	40. Fair trade movement	63. Lawyers' Movement in Pakistan
16. Black Consciousness Movement	41. Farm-to-table movement	64. Lebensreform
17. Black Lives Matter	42. Farm Worker Movement	65. LGBTQ social movements (lesbian, gay, bisexual, and transgender social movements)
18. Black Power movement	43. Feminist movement	66. Mad Pride
19. Boycott, Divestment and Sanctions	44. Free culture movement	67. Men's rights movement
20. Brights movement	45. Free love	68. Me Too movement
21. Charismatic Movement	46. Free software movement	69. MADD (Mothers Against Drunk Driving)
22. Chicano Movement	47. Gay rights movement	70. Namantar Andolan (Change Movement among Dalits in India)
23. Children's rights movement	48. Gerakan Harapan Baru (New Hope Movement in Malaysia)	
24. Civil rights movement		
25. Civil disobedience movement		

Necessity for graphs to show that most phenomenon are not just a one-time event but an accelerating disaster: Crime rates, executive spending, homelessness, suicides, number of slaves, rearrange hospice

- 1.b.ii. United States,
- 1.b.iii. Oregon,
- 1.b.iv. Lane County, Eugene, Ashland
6.
7.

Necessity for graphs to show that most phenomenon are not just a one-time event but an accelerating disaster: Crime rates, executive spending, homelessness, suicides, number of slaves, rearrange hospice

71. Narmada Bachao Andolan	86. Rural People's Movement	101. Time to Change
72. Non-cooperation movement	87. Salt March (Otherwise Known as the Salt Satyagraha movement)	102. Time's Up (movement)
73. Nonviolence movement	88. Self-Reliant Group (SRG) movement	103. Treatment Action Campaign
74. Neurodiversity movement advocating for the right of people who are considered neurally divergent	89. Skeptical movement	104. Umbrella Movement
75. Occupy movement	90. Sex-positive movement	105. Veganism
76. Occupy Wall Street	91. Sex Workers' Rights Movement	106. Via Campesina
77. Organic movement	92. Slow Food movement	107. Voluntary Human Extinction Movement
78. Popular Assembly of the Peoples of Oaxaca	93. Slow movement	108. White Wednesdays
79. Pro-choice movement	94. Situationist International	109. Western Cape Anti-Eviction Campaign South African movement struggling against evictions
80. Pro-life movement	95. Social democracy	110. Wikimedia movement
81. Psychiatric survivors movement	96. South African Unemployed Peoples' Movement	111. Women Against War
82. Rastafari	97. Student movement	112. Women's liberation movement
83. Reform movements in the United States	98. Tea Party movement	113. Women's suffrage movement
84. Reproductive justice	99. Temperance movement	114. World Cleanup Day
85. Right to life	100. The Zeitgeist Movement	
5.		

- In transcendence
- Religious demographics, military personnel?
- In self actualization
- Top billionaires, top companies

◦ Facebook, Cambridge analytics, CROWD CONTROL

■ And other behavior recording apps such as WhatsApp

Current, past and projected Population Graphs

- a. Species (taxonomy hierarchy graph)
- 1.a.i. Mammals
- 1.a.ii. Fish
- 1.a.iii. Insects
- 1.a.iv. Flora and fauna
- b. Humans
- 1.b.i. Worldwide